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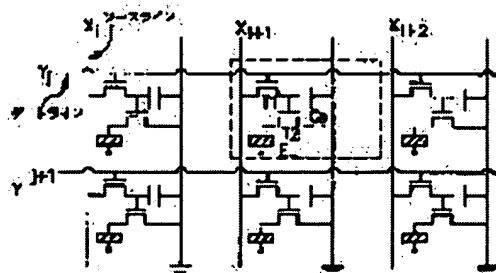
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(54) TFT-EL DISPLAY PANEL USING ORGANIC ELECTROLUMINESCENCE MEDIUM

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a flat panel made of thin film transistor electroluminescence(TFT-EL) picture elements.

SOLUTION: Two TFTs and a memory capacitor are utilized, so as to keep EL picture elements on a panel operable nearly at a 100% duty factor. A TFT-EL device eliminates the need of patterning an EL cathode, thereby establishing a high resolution. At the same time, a process for delineating the contours of the EL picture elements is remarkably simplified. Also, a TFT-EL panel consumes electric power less than the TFT-LCD panel manufactured by use of the conventional technology, particularly when the utilization factor of a screen is less than 1.



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